

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2021-03
Daviness | 2-8854 | KY-3143

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County - Daviess
Route - KY-3143
Item No. - 2-8854.00
Project Description - Improve KY-3143 from KY-3335 to KY-54

II. PROJECT INFORMATION

Project Manager - Renee Boucherie, P.E.
User Division - Highway Design
Approximate Fee - \$300,000 Preliminary Engineering (Lump Sum)
Project Funding - Federal Funds (FED)
Project Length - Approximately 1.129 miles

III. PURPOSE AND NEED

The KY 3143 (Fairview Drive) corridor serves as an urban collector that provides access to an area experiencing exponential growth and development in Owensboro. The development on KY 54 has led to increased congestion in this corridor from residential areas and other motorists who use KY 3143 as an alternative route to bypass congestion on KY 54. In addition, KY 3143 which boasts an ADT of approximately 7,000 serves as part of a connection to the US 231 corridor which houses several schools and college campuses that also generate traffic on this corridor. The increased congestion in this corridor along with substandard geometrics, possible intersection performance and safety issues, and lack of pedestrian facilities present challenges that need to be addressed in order to allow for KY 3143 to function more effectively.

The purpose of this project is to improve congestion, safety, and traffic flow. In addition, this project should address the need for turn lanes, evaluate any intersection issues, and consider pedestrian facilities to provide connectivity along the corridor.

IV. DBE REQUIREMENT

The Consultant team shall include a DBE Participation Plan with their Response to Announcement to help the Department meet the 11.95% DBE goal established by FHWA. The plan needs to demonstrate how DBE companies will be mentored or used to assist in the area(s) pertaining to this contract. An additional page will be allowed in the Project Approach (Page 7) to demonstrate this plan. A maximum of 4 points will be considered in the Evaluation Factors for the DBE Participation Plan.

V. SCOPE OF WORK

The selected Consultant will be required to provide engineering services to perform Preliminary Engineering. Preliminary Engineering includes:

- Preliminary Line and Grade plans, cost estimates, and Design Executive Summary
- Preliminary drainage design
- Traffic Engineering analysis as per Design Memo 03-11
- Conducting Public Involvement activities
- Gathering any necessary survey for the project area

The selected Consultant may be required to provide Final Roadway Design, which may be added to the contract agreement by a Contract Modification when Preliminary Engineering is complete. Final Roadway Design includes, at a minimum, preparation of joint inspection plans, drainage design, right-of-way plans, construction plans, traffic control plans, final cost estimates, and an anticipated construction schedule.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<https://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

[DNA Study - Daviess | 2-8854 | KY-3143 Improvements](#)

[Plan Sheet - Daviess 2-8300 KY-3143 \(Fairview Drive\)](#)

VIII. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans. Refer to the 2019 CADD Standards for ORD V4 Project Development Memo for information pertaining to the latest CADD Standards and plan submittal.

IX. ENVIRONMENTAL SERVICES

The Department will provide any necessary Environmental Services required for the project.

X. PHOTOGRAMMETRIC SERVICES

The Department will provide LiDAR digital mapping and will furnish manuscripts on computer disks in DGN format. The selected Consultant shall supplement this information with conventional surveying as needed.

XI. STRUCTURE DESIGN

Structure Design is not anticipated for Preliminary Design. When the project advances to Final Design and if the selected Consultant is retained for Final Design services, the selected Consultant shall do the necessary engineering services to submit to the KYTC an Advanced Situation Folder(s) for the appropriate structure(s). The selected Consultant may be responsible for any necessary Structure Design services. Structure Design of the proposed structure(s) may be added as a Contract Modification. Prequalification in the area of Structure Design is not required to be identified in the Consultant's Response to Announcement.

XII. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XIII. TRAFFIC ENGINEERING

The Department will provide all traffic projections and related information.

XIV. UTILITIES

The Department will develop the utility contact list. The selected consultant shall locate all existing utilities and locate them on the plans provided to the Department. All utilities including aerial carriers shall be field-verified by the Consultant. Sizes and types of underground and aerial utilities shall be identified on the plans for each alignment alternative in the PL&G submittal.

The selected Consultant will provide SUE (Subsurface Utility Engineering) work as needed to field-locate utilities. Horizontal and vertical location of existing utilities shown in the roadway plans shall be adjusted by the Consultant as necessary to reflect actual SUE results.

XV. PREQUALIFICATION REQUIREMENTS

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

Roadway Design

- Rural Roadway Design
- Surveying
- Urban Roadway Design

Traffic Engineering

- Traffic Engineering

Structure Design (please see note below)

- Spans under 500 feet

Note – Structure Design prequalifications are not required with the initial proposal as it is uncertain to the extent practicable if they are necessary. Should these services become necessary during the delivery of the project, the selected Consultant team must obtain the required qualifications before providing those services.

XVI. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Advertisement Date: September 8, 2020
- Response Date: September 30, 2020 by 4:30 PM ET (Frankfort Time)
- First Selection: October 5, 2020
- Final Selection: October 21, 2020
- Pre-Design Conference: October 28, 2020
- Consultant Fee Proposal: November 6, 2020
- Contract Negotiations: November 18, 2020
- Notice To Proceed: December 9, 2020

XVII. PROJECT SCHEDULE

- Preliminary Line and Grade – May 2021

XVIII. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

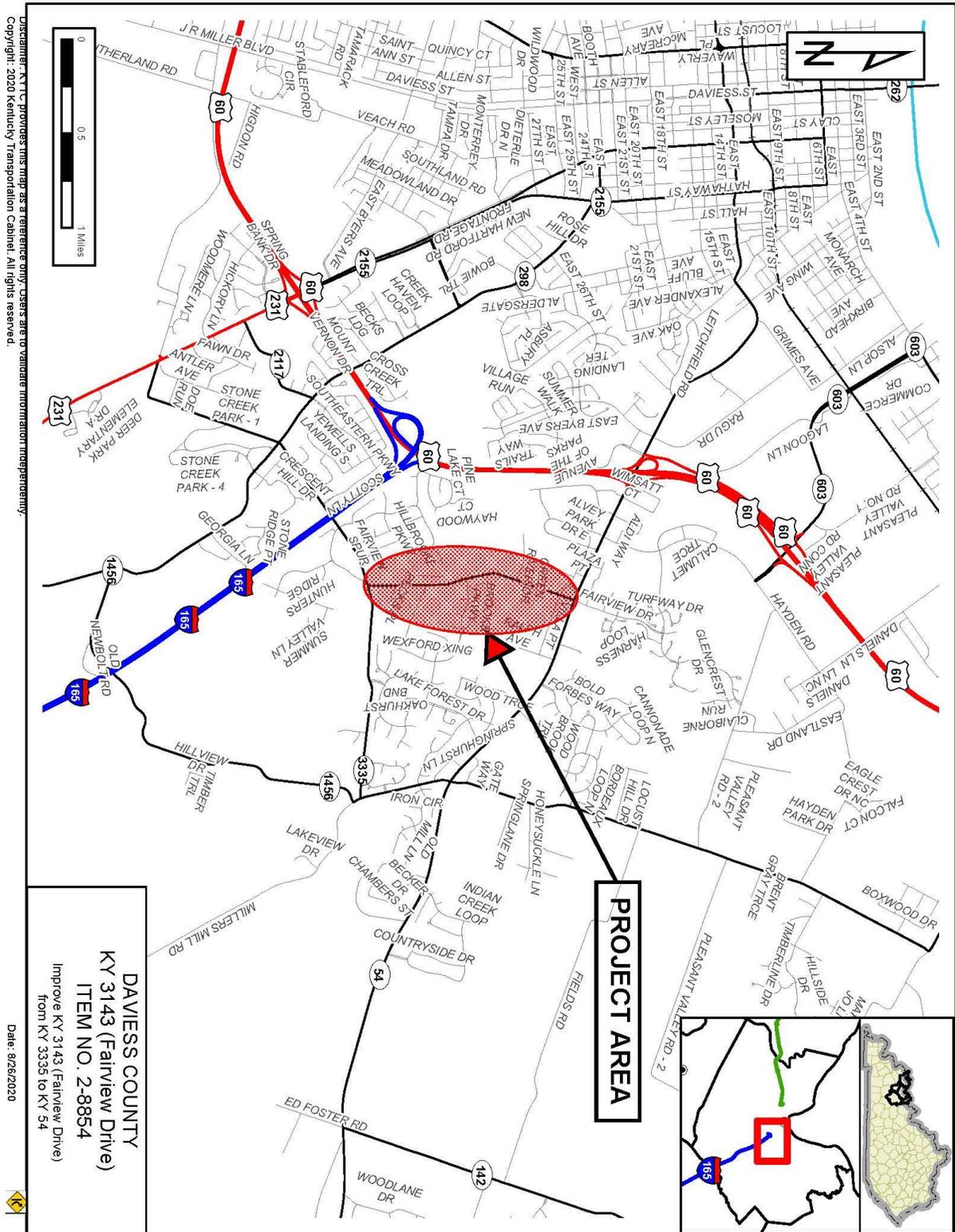
1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Capacity to comply with project schedule. (10 Points)
5. DBE Participation Plan (4 Points)
6. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIX. SELECTION COMMITTEE MEMBERS

1. Renee Boucherie, P.E., User Division
2. Wendy Southworth, P.E., User Division
3. Erika Drury, P.E., Secretary's Pool
4. Larry Krueger, P.E., Secretary's Pool

5. John Greenwell, P.E., Governor's Pool

XX. AREA MAP



Disclaimer: KYTC provides this map as a reference only. Users are to validate information independently.
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Date: 8/28/2020

